

Sequence Listing

<110> Baughman, Sharon A.
Shak Steven

<120> Dosages for Treatment with Anti-ErbB2 Antibodies

<130> P1775R1

<141> 2000-08-25

<150> US 60/151,018
<151> 1999-08-27

<150> US 60/213,822
<151> 2000-06-23

<160> 15

<210> 1
<211> 166
<212> PRT
<213> Homo sapiens

<400> 1

Cys Thr Gly Thr Asp Met Lys Leu Arg Leu Pro Ala Ser Pro Glu
1 5 10 15

Thr His Leu Asp Met Leu Arg His Leu Tyr Gln Gly Cys Gln Val
20 25 30

Val Gln Gly Asn Leu Glu Leu Thr Tyr Leu Pro Thr Asn Ala Ser
35 40 45

Leu Ser Phe Leu Gln Asp Ile Gln Glu Val Gln Gly Tyr Val Leu
50 55 60

Ile Ala His Asn Gln Val Arg Gln Val Pro Leu Gln Arg Leu Arg
65 70 75

Ile Val Arg Gly Thr Gln Leu Phe Glu Asp Asn Tyr Ala Leu Ala
80 85 90

Val Leu Asp Asn Gly Asp Pro Leu Asn Asn Thr Thr Pro Val Thr
95 100 105

Gly Ala Ser Pro Gly Gly Leu Arg Glu Leu Gln Leu Arg Ser Leu
110 115 120

Thr Glu Ile Leu Lys Gly Gly Val Leu Ile Gln Arg Asn Pro Gln
125 130 135

Leu Cys Tyr Gln Asp Thr Ile Leu Trp Lys Asp Ile Phe His Lys
140 145 150

Asn Asn Gln Leu Ala Leu Thr Leu Ile Asp Thr Asn Arg Ser Arg
155 160 165

Ala

<210> 2
<211> 32
<212> PRT
<213> Homo sapiens

<400> 2
Ser Thr Gln Val Cys Thr Gly Thr Asp Met Lys Leu Arg Leu Pro
1 5 10 15

Ala Ser Pro Glu Thr His Leu Asp Met Leu Arg His Leu Tyr Gln
20 25 30

Gly Cys

<210> 3
<211> 11
<212> PRT
<213> Artificial sequence

<220>
<223> salvage receptor binding epitope

<400> 3
Pro Lys Asn Ser Ser Met Ile Ser Asn Thr Pro
1 5 10

<210> 4
<211> 7
<212> PRT
<213> Artificial sequence

<220>
<223> salvage receptor binding epitope

<400> 4
His Gln Ser Leu Gly Thr Gln
1 5

<210> 5
<211> 8
<212> PRT
<213> Artificial sequence

<220>
<223> salvage receptor binding epitope

<400> 5
His Gln Asn Leu Ser Asp Gly Lys
1 5

<210> 6
<211> 8
<212> PRT
<213> Artificial sequence

<220>
<223> salvage receptor binding epitope

<400> 6
His Gln Asn Ile Ser Asp Gly Lys
1 5

<210> 7
<211> 8
<212> PRT
<213> Artificial sequence

<220>
<223> salvage receptor binding epitope

<400> 7
Val Ile Ser Ser His Leu Gly Gln
1 5

<210> 8
<211> 59
<212> PRT
<213> Homo sapiens

<400> 8
Val Glu Glu Cys Arg Val Leu Gln Gly Leu Pro Arg Glu Tyr Val
1 5 10 15

Asn Ala Arg His Cys Leu Pro Cys His Pro Glu Cys Gln Pro Gln
20 25 30

Asn Gly Ser Val Thr Cys Phe Gly Pro Glu Ala Asp Gln Cys Val
35 40 45

Ala Cys Ala His Tyr Lys Asp Pro Pro Phe Cys Val Ala Arg
50 55

<210> 9
<211> 65
<212> PRT
<213> Homo sapiens

<400> 9
Leu Pro Cys His Pro Glu Cys Gln Pro Gln Asn Gly Ser Val Thr
1 5 10 15

Cys Phe Gly Pro Glu Ala Asp Gln Cys Val Ala Cys Ala His Tyr
20 25 30

Lys Asp Pro Pro Phe Cys Val Ala Arg Cys Pro Ser Gly Val Lys
35 40 45

Pro Asp Leu Ser Tyr Met Pro Ile Trp Lys Phe Pro Asp Glu Glu
50 55 60

Gly Ala Cys Gln Pro
65

<210> 10
 <211> 107
 <212> PRT
 <213> Mus Musculus

<400> 10
 Asp Thr Val Met Thr Gln Ser His Lys Ile Met Ser Thr Ser Val
 1 5 10 15

Gly Asp Arg Val Ser Ile Thr Cys Lys Ala Ser Gln Asp Val Ser
 20 25 30

Ile Gly Val Ala Trp Tyr Gln Gln Arg Pro Gly Gln Ser Pro Lys
 35 40 45

Leu Leu Ile Tyr Ser Ala Ser Tyr Arg Tyr Thr Gly Val Pro Asp
 50 55 60

Arg Phe Thr Gly Ser Gly Ser Gly Thr Asp Phe Thr Phe Thr Ile
 65 70 75

Ser Ser Val Gln Ala Glu Asp Leu Ala Val Tyr Tyr Cys Gln Gln
 80 85 90

Tyr Tyr Ile Tyr Pro Tyr Thr Phe Gly Gly Thr Lys Leu Glu
 95 100 105

Ile Lys

<210> 11
 <211> 119
 <212> PRT
 <213> Mus musculus

<400> 11
 Glu Val Gln Leu Gln Gln Ser Gly Pro Glu Leu Val Lys Pro Gly
 1 5 10 15

Thr Ser Val Lys Ile Ser Cys Lys Ala Ser Gly Phe Thr Phe Thr
 20 25 30

Asp Tyr Thr Met Asp Trp Val Lys Gln Ser His Gly Lys Ser Leu
 35 40 45

Glu Trp Ile Gly Asp Val Asn Pro Asn Ser Gly Gly Ser Ile Tyr
 50 55 60

Asn Gln Arg Phe Lys Gly Lys Ala Ser Leu Thr Val Asp Arg Ser
 65 70 75

Ser Arg Ile Val Tyr Met Glu Leu Arg Ser Leu Thr Phe Glu Asp
 80 85 90

Thr Ala Val Tyr Tyr Cys Ala Arg Asn Leu Gly Pro Ser Phe Tyr
 95 100 105

Phe Asp Tyr Trp Gly Gln Gly Thr Thr Leu Thr Val Ser Ser
110 115

<210> 12

<211> 107

<212> PRT

<213> Artificial sequence

<220>

<223> humanized VL sequence

<400> 12

Asp Ile Gln Met Thr Gln Ser Pro Ser Ser Leu Ser Ala Ser Val
1 5 10 15

Gly Asp Arg Val Thr Ile Thr Cys Lys Ala Ser Gln Asp Val Ser
20 25 30

Ile Gly Val Ala Trp Tyr Gln Gln Lys Pro Gly Lys Ala Pro Lys
35 40 45

Leu Leu Ile Tyr Ser Ala Ser Tyr Arg Tyr Thr Gly Val Pro Ser
50 55 60

Arg Phe Ser Gly Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile
65 70 75

Ser Ser Leu Gln Pro Glu Asp Phe Ala Thr Tyr Tyr Cys Gln Gln
80 85 90

Tyr Tyr Ile Tyr Pro Tyr Thr Phe Gly Gln Gly Thr Lys Val Glu
95 100 105

Ile Lys

<210> 13

<211> 119

<212> PRT

<213> Artificial sequence

<220>

<223> humanized VH sequence

<400> 13

Glu Val Gln Leu Val Glu Ser Gly Gly Gly Leu Val Gln Pro Gly
1 5 10 15

Gly Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Thr
20 25 30

Asp Tyr Thr Met Asp Trp Val Arg Gln Ala Pro Gly Lys Gly Leu
35 40 45

Glu Trp Val Ala Asp Val Asn Pro Asn Ser Gly Gly Ser Ile Tyr
50 55 60

Asn Gln Arg Phe Lys Gly Arg Phe Thr Leu Ser Val Asp Arg Ser
65 70 75

Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp
80 85 90

Thr Ala Val Tyr Tyr Cys Ala Arg Asn Leu Gly Pro Ser Phe Tyr
95 100 105

Phe Asp Tyr Trp Gly Gln Gly Thr Leu Val Thr Val Ser Ser
110 115

<210> 14

<211> 107

<212> PRT

<213> Artificial sequence

<220>

<223> VL consensus sequence

<400> 14

Asp Ile Gln Met Thr Gln Ser Pro Ser Ser Leu Ser Ala Ser Val
1 5 10 15

Gly Asp Arg Val Thr Ile Thr Cys Arg Ala Ser Gln Ser Ile Ser
20 25 30

Asn Tyr Leu Ala Trp Tyr Gln Gln Lys Pro Gly Lys Ala Pro Lys
35 40 45

Leu Leu Ile Tyr Ala Ala Ser Ser Leu Glu Ser Gly Val Pro Ser
50 55 60

Arg Phe Ser Gly Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile
65 70 75

Ser Ser Leu Gln Pro Glu Asp Phe Ala Thr Tyr Tyr Cys Gln Gln
80 85 90

Tyr Asn Ser Leu Pro Trp Thr Phe Gly Gln Gly Thr Lys Val Glu
95 100 105

Ile Lys

<210> 15

<211> 119

<212> PRT

<213> Artificial sequence

<220>

<223> VH consensus sequence

<400> 15

Glu Val Gln Leu Val Glu Ser Gly Gly Gly Leu Val Gln Pro Gly
1 5 10 15

Gly Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser
20 25 30

Ser Tyr Ala Met Ser Trp Val Arg Gln Ala Pro Gly Lys Gly Leu
35 40 45

Glu Trp Val Ala Val Ile Ser Gly Asp Gly Gly Ser Thr Tyr Tyr
50 55 60

Ala Asp Ser Val Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser
65 70 75

Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp
80 85 90

Thr Ala Val Tyr Tyr Cys Ala Arg Gly Arg Val Gly Tyr Ser Leu
95 100 105

Tyr Asp Tyr Trp Gly Gln Gly Thr Leu Val Thr Val Ser Ser
110 115